

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10	("20020121397" "5293260" "5323423" "6067180" "6233077").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 14:42
S2	5	(US-20020121397-\$).did. or (US-5293260-\$ or US-5323423-\$ or US-6067180-\$ or US-6233077-\$). did.	US-PGPUB; USPAT	OR	ON	2007/02/11 20:02
S3	5	(US-20020121397-\$).did. or (US-5293260-\$ or US-5323423-\$ or US-6067180-\$ or US-6233077-\$). did.	US-PGPUB; USPAT	OR	ON	2007/02/11 19:18
S4	0	S3 and (electrical near4 regenerator) and (equaliz\$5) and (clock near4 recovery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 19:19
S5	2	S3 and (equaliz\$5) and (clock near4 recovery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 19:19
S6	2	S3 and (peak near2 detect\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:08
S7	2	S3 and (feedback or (test near3 loop))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:46
S8	0	S3 and ((test near3 loop))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:12

## EAST Search History

S9	406	equaliz\$6 and (test near2 loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:12
S10	217	S9 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:47
S11	2	S10 and ((test near3 loop) same (equaliz\$5 near4 input) same output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:22
S12	3	S10 and ((test near3 loop) same (equaliz\$5 near4 input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:18
S13	26	S10 and ((test near3 loop) same (output with input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:18
S14	26	S13 and equaliz\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:23
S15	0	S3 and (network near3 element)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:22
S16	41	(network near3 element) and (electrical near4 path) and (regenerator or remodultaor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:23

## EAST Search History

S17	41	(network near3 element) and (electrical near4 path) and (regenerator or remodulator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:23
S18	9	S17 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:44
S19	0	S18 and crossconnect and (switch\$5 near3 matrix) and (switch near3 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:25
S20	0	S18 and (switch\$5 near3 matrix) and (switch near3 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:25
S21	1	S18 and (switch\$5 near3 matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:25
S22	0	S18 and (switch\$4 near4 matrix) and (switch near4 module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:33
S23	0	S18 and (switch\$4 near4 matrix) and (module)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:33
S24	1	S18 and (switch\$4 near4 matrix)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:33
S25	1	(US-20030002498-\$).did.	US-PGPUB	OR	ON	2007/02/11 20:42
S26	1	(US-5552962-\$).did.	USPAT	OR	ON	2007/02/11 20:42

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S27	2	(US-20030002498-\$).did. or (US-5552962-\$).did.	US-PGPUB; USPAT	OR	ON	2007/02/11 20:43
S28	0	S27 and (test near3 signal)	US-PGPUB; USPAT	OR	ON	2007/02/11 20:43
S29	0	S18 and (test near3 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:43
S30	186	(matrix near3 module) and (test near3 (signal or port))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:44
S31	122	S30 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:56
S32	0	S31 and (regenerator) and (alarm same ((test near3 signal) or (input near3 signal)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:49
S33	0	S31 and (regenerator) and (alarm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:46
S34	3	S31 and (regenerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:50
S35	109	S31 and (test near3 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:50

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S36	3	S35 and (regenerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:50
S37	33	S35 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:50
S38	1	(US-5991270-\$).did.	USPAT	OR	ON	2007/02/11 20:54
S39	0	S27 and (alarm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:55
S40	27	regenerator and (alarm) and ((test near3 signal) same (input near3 signal))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:56
S41	21	S40 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:07
S42	12	S41 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 20:57
S43	1	(US-5278404-\$).did.	USPAT	OR	ON	2007/02/11 21:07
S44	1908	(test near3 signal) same (alarm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:07
S45	1530	S44 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:08

## EAST Search History

S46	222	S45 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:08
S47	8	S46 and (regenerator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:08
S48	1	(US-6233077-\$).did.	USPAT	OR	ON	2007/02/11 21:19
S49	2	(US-5323423-\$ or US-6067180-\$). did.	USPAT	OR	ON	2007/02/11 21:21
S50	1	S14 and carriere	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:24
S51	1	(US-5504778-\$).did.	USPAT	OR	ON	2007/02/11 21:24
S52	0	regenerat\$6 and (clock near3 recovery) and (equaliz\$%)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:46
S53	588	regenerat\$6 and (clock near3 recovery) and (equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 15:56
S54	265	S53 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:47
S55	151	S54 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/11 21:47

## EAST Search History

S56	196	(matrix near3 module) and (test near3 (signal or port))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 13:51
S57	122	S56 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 13:51
S58	1	(US-4019048-\$).did.	USPAT	OR	ON	2007/07/29 14:02
S59	630	regenerat\$6 and (clock near3 recovery) and (equaliz\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 14:11
S60	265	S59 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 14:11
S61	151	S60 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 14:11
S62	137	S61 and (clock near3 recover\$4) and (equaliz\$5) and (switch or select or mux or multiplex\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 14:14
S63	6	S61 and ((clock near3 recover\$4) same (equaliz\$5) same (switch or select or mux or multiplex\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 14:59
S64	65	S61 and ((clock near3 recover\$4) same (equaliz\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 15:00

## EAST Search History

S65	0	S64 and (equalizer with switch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 15:00
S66	3	S64 and (equalizer same (switch or select))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 15:01
S67	1	(US-5524109-\$).did.	USPAT	OR	ON	2007/07/29 15:21
S68	5	S61 and ((two or plural\$3 or multiple) with (peak near2 detect\$3))	USPAT	OR	ON	2007/07/29 15:26
S69	167	regenerat\$3 and ((two or plural\$3 or multiple) with (peak near2 detect\$3))	USPAT	OR	ON	2007/07/29 15:57
S70	129	S69 and @pd<"20030205"	USPAT	OR	ON	2007/07/29 15:33
S71	36	S70 and optical	USPAT	OR	ON	2007/07/29 15:27
S72	25	S71 and (tape or delay)	USPAT	OR	ON	2007/07/29 17:31
S73	6	S72 and equaliz\$5	USPAT	OR	ON	2007/07/29 15:32
S74	224	((FIR or tap) with equalizer) and (peak near2 detect\$3)	USPAT	OR	ON	2007/07/29 15:33
S75	152	S74 and @pd<"20030205"	USPAT	OR	ON	2007/07/29 15:57
S76	33	S75 and optical	USPAT	OR	ON	2007/07/29 15:33
S77	3	S76 and (peak with input) and (peak with output)	USPAT	OR	ON	2007/07/29 15:34
S78	7	S61 and (test near3 loop)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 15:56
S79	25	regenerat\$3 same (test near3 loop)	USPAT	OR	ON	2007/07/29 15:57
S80	24	S79 and @pd<"20030205"	USPAT	OR	ON	2007/07/29 15:57
S81	1	S80 and (equaliz\$5) and (clock near3 recovery)	USPAT	OR	ON	2007/07/29 15:58
S82	8516	((370/441,463,466,506,517) or (398/195) or (375/222,318)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/29 17:31



## EAST Search History

S83	14	S82 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/29 17:31
S84	19682	((slicer or decision) with (switch or mux or multiplex\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 09:38
S85	11702	S84 and @pd<"20030205"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 09:38
S86	634	S85 and (regenerat\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 09:38
S87	687	S85 and (regenerat\$4 or retim\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 09:39
S88	95	S87 and ((clock or timing) near3 recovery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 09:39
S89	50	S88 and equaliz\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 10:10
S90	27	S89 and (optical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 09:40

## EAST Search History

S91	5188	((375/236,230,233,354) or (370/358,505)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/31 10:11
S92	7	S89 and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/31 10:11